

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s): T. IWASAKI et al  
Serial No.: (New Continuation Application under 37 CFR §1.53(b) of  
U.S. Application Serial No. 09/787,528)  
Filed: July 3, 2003  
For: SEMICONDUCTOR DEVICE WITH MULTILAYER  
CONDUCTIVE STRUCTURE FORMED ON A  
SEMICONDUCTOR SUBSTRATE (*As Amended*)  
Group: 2813  
Examiner: S. SMOOT

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 CFR §1.97 & §1.98**

**MS: PATENT APPLICATIONS**

Commissioner For Patents  
POB 1450  
Alexandria, VA 22313-1450

July 3, 2003

Sir:

In the matter of the above-identified application, applicants are attaching hereto, in a form equivalent to Form PTO-1449, a listing of all the art documents of record (cited by the Examiner/submitted by applicants) in the chain of continuing applications, pursuant to the duty of disclosure/candor requirements.

This Information Disclosure Statement is being submitted concurrently with the filing of the above-identified continuation application and, therefore, this IDS meets the requirements pursuant to 37 CFR §1.97(b).

As to the requirement of 37 CFR §1.98(a)(3) for any concise explanation of relevance to the extent that any of the listed documents is not in the English language, this is met by the discussion thereof in the prosecution history, the submission of an English language translation, and the citation by the Examiner

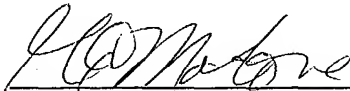
in the prior application(s).

It is understood that since copies of the listed documents should be available in the file wrapper of the prior application, copies thereof are not included herewith, consistent with 37 CFR §1.98(d) and pursuant to the guidelines set forth in MPEP §609.

It is submitted this IDS is in compliance with the rules of practice as well as with USPTO guidelines. Therefore, applicants respectfully request that it be entered and duly considered by the USPTO. Also, acknowledgment of entry as well as of formal consideration thereof by the Examiner is respectfully requested.

If any costs are due in accordance with the filing of this Information Disclosure Statement, please charge same to the account of Antonelli, Terry, Stout & Kraus, LLP, Account No. 01-2135 (500.39912CX1).

Respectfully submitted,  
**ANTONELLI, TERRY, STOUT & KRAUS, LLP**

  
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Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>			<b>Complete if Known</b>		
			Application Number	R53(b) CONT. of S.N. 09/787,528	
			Filing Date	July 3, 2003	
			First Named Inventor	IWASAKI, TOMIO	
			Art Unit	2813	
Examiner Name	S. Smoot				
Sheet	1	of	2	Attorney Docket Number	500.39912CX1

U.S. PATENT DOCUMENTS						
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)				
		US- 4,935,805		08-1990	Calviello et al	
		US- 5,504,351		04-1996	Anderson, Samuel J.	
		US- 5,510,651		04-1996	Maniar et al	
		US- 5,969,422		10-1999	Ting et al	
		US- 6,054,331		04-2000	Woo et al	
		US2001/0000926	A1	05-2001	Andricacos et al	
		US- 6,271,559	B1	08-2001	Iwasaki et al	
		US- 6,399,496	B1	06-2002	Edelstein et al	
		US-				
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FOREIGN PATENT DOCUMENTS							
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>5</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)					
		JP 10-229084		08-25-98	Awaya et al		Ab
		JP 05-315336		11-26-93			Ab
		JP 10-256251		09-25-98	Awaya et al		Ab
		JP 11-317455		11-16-99			Ab

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard St.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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Substitute for form 1449B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>		<b>Complete if Known</b>			
		Application Number	R53(b) CONT. of S.N. 09/787,528		
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		Group Art Unit	2813		
		Examiner Name	SD. Smoot		
Sheet	2	of	2	Attorney Docket Number	500.39912CX1

OTHER PRIOR ART—NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), <small>publisher, city and/or country where published</small>	T <sup>2</sup>
		NIKKEI MICRODEVICES, June 1992 issue, pp. 74-77.	
		"Introduction to Solid Physics" 1st Vol., 5th Ed., Charles Kittel	
		"Molecular Dynamics Simulation of Crack Tip Processes in Alpha-Iron and Copper", Journal of Applied Physics, Vol. 54 (1983), pp. 4864-4878	
		"The Peeling of Flexible Laminates", International Journal of Fracture, Vol. 66 (1994), pp. 45-70.	

Examiner Signature		Date Considered	
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